

CALIFORNIA STATE DEPARTMENT OF PUBLIC HEALTH

J. D. DUNSHEE, M.D., Director

Weekly Bulletin



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GUY P. JONES
EDITOR

Fewer Maternal Deaths Last Year

There were 364 maternal deaths in California last year, as compared with 448 during the preceding year. The rate fell from 5.7 per 1000 births to 4.8 per 1000 births. The reduction in the rate is conspicuous and establishes the fact that deaths from maternal causes can be reduced greatly through the proper observance of essential precautions. Among white women the maternal death rate was 4.3, Mexican 6.5, Japanese 6.1, Negroes 11.0, and Indians 13.3. It is outstanding that the maternal mortality rates are lower in the larger centers of population than in the rural districts, where facilities for adequate care are often lacking. About 70 per cent of all confinements in California are now in maternity homes and hospitals.

The maternal death rate in institutions is generally lower than it is in the rural communities where such institutions do not exist. Sometimes, however, the maternal mortality rate for institutions is high for the reason that complicated cases, involving risks, are more often taken into hospitals where unavoidable deaths occur. The tabulations for the various cities and counties indicate that more attention is being given to proper care for expectant mothers and with the continued provision of such care, together with adequate facilities at childbirth, the maternal mortality rate can be reduced still lower.

MATERNAL MORTALITY 1933-1932

	1933		1932	
	Number	Rate	Number	Rate
Alameda County (exclusive of)				
Oakland	12	3.1	19	4.8
Alameda	---	---	1	3.1
Berkeley	2	3.4	1	1.7
San Leandro	1	11.1	---	---
Albany	---	---	1	7.9
Hayward	---	---	---	---
Piedmont	---	---	---	---
Alpine County	---	---	---	---
Amador County	1	17.2	---	---
Butte County (exclusive of)	4	10.5	7	19.4
Chico	1	4.4	2	9.4
Calaveras County	1	25.6	1	22.7
Colusa County	---	---	---	---
Contra Costa Co. (exclusive of)	2	6.0	1	3.2
Richmond	---	---	1	3.9
Martinez	5	21.3	3	13.5
Pittsburg	---	---	---	---
Del Norte County	1	14.5	---	---
El Dorado County	---	---	---	---
Fresno County (exclusive of)	11	6.9	12	7.5
Fresno	2	3.3	3	4.6
Glenn County	---	---	2	12.7
Humboldt Co. (exclusive of)	2	8.6	---	---
Eureka	2	6.0	4	10.6
Imperial Co. (exclusive of)	12	14.6	10	12.5
Brawley	1	2.9	2	5.7
Calexico	---	---	1	7.4
El Centro	1	5.6	2	11.1
Inyo County	1	12.8	---	---
Kern Co. (exclusive of)	---	---	4	4.3
Bakersfield	1	2.3	1	2.1
Kings Co. (exclusive of)	1	4.1	1	3.6
Hanford	---	---	---	---
Lake County	---	---	---	---
Lassen County	2	10.4	---	---
Los Angeles Co. (exclusive of)	7	1.7	15	3.2
Los Angeles	102	6.3	121	7.2
Alhambra	2	10.5	---	---
Long Beach	6	2.7	7	3.5
Pasadena	1	1.1	3	2.8
Pomona	1	2.9	3	9.2
Santa Monica	2	2.6	5	8.0
Glendale	2	1.9	5	4.9
Monrovia	---	---	2	20.6
Redondo Beach	1	20.0	---	---
Whittier	---	---	---	---
South Pasadena	---	---	1	66.6
Arcadia	---	---	---	---
Bell	---	---	---	---
Beverly Hills	---	---	---	---

	1933		1932	
	Number	Rate	Number	Rate
Burbank	1	6.0	1	5.3
Compton	1	7.3	2	9.8
Culver City	1	7.3	1	14.7
Hawthorne	1	2.5	1	2.2
Huntington Park	1	2.2	1	2.4
Inglewood	1	2.2	1	2.4
Lynwood	1	2.2	1	2.4
Maywood	1	2.2	1	2.4
Montebello	1	2.2	1	2.4
Monterey Park	1	7.2	3	23.2
San Fernando	1	24.4	2	14.9
San Gabriel	1	24.4	2	14.9
South Gate	1	24.4	2	14.9
Torrance	1	24.4	2	14.9
Madera County	3	10.1	4	15.0
Marin Co. (exclusive of)	2	17.3	1	7.3
San Rafael	1	7.8	1	7.5
Mariposa County	1	4.3	2	7.7
Mendocino County	1	4.3	2	7.7
Merced Co. (exclusive of)	5	10.7	1	2.1
Merced	1	6.9	2	13.3
Modoc County	1	6.9	2	13.3
Mono County	1	6.9	2	13.3
Monterey Co. (exclusive of)	2	4.5	2	5.0
Monterey	1	13.9	1	10.0
Pacific Grove	1	13.9	1	10.0
Salinas	1	13.9	1	10.0
Napa Co. (exclusive of)	3	27.5	1	8.7
Napa	1	7.1	1	9.6
Nevada County	1	7.1	1	7.3
Orange Co. (exclusive of)	4	4.5	5	5.9
Santa Ana	1	2.7	2	5.3
Anaheim	2	16.2	1	4.2
Fullerton	1	4.6	1	4.2
Orange	3	17.9	1	4.2
Placer Co. (exclusive of)	3	17.9	1	4.2
Roseville	1	13.1	3	5.0
Plumas County	4	6.2	6	9.6
Riverside Co. (exclusive of)	2	3.3	6	9.6
Riverside	2	3.3	6	9.6
Corona	2	3.3	6	9.6
Sacramento Co. (exclusive of)	6	3.3	11	5.6
Sacramento	2	14.5	4	4.7
San Benito County	2	2.4	4	4.7
San Bernardino Co. (excl. of)	11	13.8	10	11.2
Redlands	11	13.8	10	11.2
San Bernardino	11	13.8	10	11.2
Ontario	11	13.8	10	11.2
Colton	11	13.8	10	11.2
San Diego Co. (exclusive of)	2	4.9	1	2.3
San Diego	12	4.6	11	4.2
Coronado	2	5.5	2	10.5
National City	23	3.3	36	4.8
San Francisco County	2	2.4	4	4.8
San Joaquin Co. (exclusive of)	3	5.9	2	3.4
Stockton	1	4.8	1	8.0
Lodi	3	15.4	3	14.3
San Luis Obispo Co. (excl. of)	3	6.7	3	6.5
San Luis Obispo	3	6.7	3	6.5
San Mateo Co. (exclusive of)	3	6.7	3	6.5
San Mateo	3	6.7	3	6.5
Burlingame	3	6.7	3	6.5
Daly City	3	6.7	3	6.5
Redwood City	3	6.7	3	6.5
South San Francisco	3	6.7	3	6.5
Santa Barbara Co. (excl. of)	1	3.3	2	6.5
Santa Barbara	3	6.9	4	8.1
Santa Maria	3	6.9	4	8.1
Santa Clara Co. (exclusive of)	12	10.7	8	6.5
San Jose	2	3.8	3	5.0
Palo Alto	1	4.5	3	5.0
Santa Clara	1	4.5	3	5.0
Santa Cruz Co. (exclusive of)	2	11.7	4	23.2
Santa Cruz	2	11.7	4	23.2
Watsonville	1	5.6	1	5.7
Shasta County	1	5.6	1	5.7
Sierra County	1	5.6	1	5.7
Siskiyou County	5	14.8	2	5.8
Solano Co. (exclusive of)	3	12.5	3	14.3
Vallejo	3	12.5	3	14.3
Sonoma Co. (exclusive of)	1	2.6	1	2.7
Petaluma	1	2.6	1	2.7
Santa Rosa	2	10.2	1	6.2
Stanislaus Co. (exclusive of)	5	11.9	5	10.0
Modesto	4	7.9	5	10.0
Sutter County	3	12.4	3	12.4
Tehama County	2	9.5	2	9.5
Trinity County	2	9.5	2	9.5
Tulare Co. (exclusive of)	4	4.0	5	4.7
Visalia	1	6.4	1	6.7
Porterville	1	12.8	2	17.1
Tulare	1	12.8	2	17.1
Tuolumne	1	12.8	2	17.1
Ventura Co. (exclusive of)	4	7.3	5	10.1
Oxnard	3	11.3	3	11.3
Santa Paula	2	15.0	2	10.5
San Buenaventura	2	15.0	2	10.5
Yolo Co. (exclusive of)	2	14.9	1	6.6
Woodland	1	8.0	1	6.6
Yuba Co. (exclusive of)	1	7.1	2	14.3
Marysville	1	7.1	2	14.3
Totals	364	4.8	448	5.7

By Race				
	1933		1932	
	Number	Rate	Number	Rate
White -----	262	4.3	330	5.3
Negro -----	13	11.0	16	13.6
Indian -----	5	13.3	10	29.7
Chinese -----	1	1.5	2	3.0
Japanese -----	10	6.1	7	3.8
Mexican -----	71	6.5	80	7.0
Others -----	2	6.5	3	8.6
Totals -----	364	4.8	448	5.7

By Cause			
	1933		1932
Abortion with septic condition	68	74	
Abortion—nonseptic	11	48	
Ectopic gestation	20	31	
Other accidents of pregnancy	1	6	
Puerperal hemorrhage	50	35	
Puerperal septicemia	62	74	
Puerperal albuminuria and eclampsia	52	44	
Other toxemias of pregnancy	21	20	
Puerperal phlegmon, alba dolens, embolus, etc.	15	21	
Other accidents of childbirth	59	89	
Other and unspecified condition of puerperal state	5	6	
Totals	364	448	

AN OUTLINE OF THE LAWS OF CALIFORNIA WITH REGARD TO PUBLIC HEALTH PROCEDURES

LESSON XIII

CRIPPLED CHILDREN

1. Does the State make provision for the treatment of crippled children?

Yes. Parents or guardians of needy, or indigent, crippled children may obtain relief.

2. For whom is the Crippled Child Act designed to provide treatment?

Needy physically defective or handicapped persons under 18 years of age, residents of California, who should have necessary surgical, medical, hospital, physiotherapy, occupational therapy, or other service, special treatment, materials, or appliances for use in relieving their defective or handicapped condition.

3. Is treatment provided for all handicapped individuals?

No. Only for those whose parents or guardians are unable to furnish such treatment, either in whole or in part.

4. What is the necessary procedure for obtaining treatment?

The parents or guardian may petition the superior court of the county wherein they are residents for a certificate setting forth the facts, and if the judge is satisfied that the parents or guardian are unable to furnish treatment and appliances, either in whole or in part, he shall issue a certificate to that effect.

5. What shall the parents or guardian do with the certificate, having obtained it?

They shall present it to the State Department of Public Health, whose duty it is to furnish the neces-

sary services, materials or appliances, their upkeep and transportation, the expenses incidental to which are advanced by the department from a revolving fund appropriated for that purpose.

6. Does this mean that treatment is provided at the expense of the State?

No. All money expended under the authority of the certificate constitutes a legal county charge against the county from which the certificate is issued.

7. What provision is made for the handling of such expense claims by the county?

The Director of the State Department of Public Health shall present a claim for the expenses of the necessary treatment, services, appliances and their upkeep and transportation, to the board of supervisors of the county in which the certificate is issued, whereupon the supervisors shall audit and approve said claim and the county auditor shall issue a warrant for the amount thereof payable to the State Department of Public Health, and the county treasurer shall pay the same.

8. Where is the treatment of such physically handicapped persons given?

In both public and private institutions which may be equipped to provide the required service.

9. When and where may a crippled child be examined and diagnosis made?

At diagnostic clinics held in the county at some central place.

10. How may parents or guardians learn where these diagnostic clinics are located?

By making inquiry of county health officers, public health nurses and local physicians.

11. Does the State Department of Public Health exercise supervision over handicapped persons under treatment?

Yes. Through its employees and the agencies with which it may cooperate it maintains a strict supervision over such cases under its care, visiting them when advisable, causing a record to be kept showing their condition and improvement.

12. Are parents or guardians who are able to, expected to contribute in part for treatment, appliances, their upkeep and transportation?

Yes. They may enter into agreements with the county to pay such amounts as they may be able toward the cost of service, equipment, etc.

13. May the State Department of Public Health receive gifts, legacies and bequests to expend for the purposes outlined in the act?

Yes, provided that no part of such funds be used for administrative expenses.

14. May county boards of supervisors levy a special tax to provide funds for carrying out the purposes of the act?

Yes. They may levy a special tax not to exceed the sum of three mills on each dollar on the assessed valuation of the taxable property in the county.

15. Are the counties of California authorized to provide treatment independently for needy physically defective or handicapped persons?

Yes, or they may cooperate with the State Department of Public Health as already outlined. If acting independently, parents or guardians must consent in writing to the provisions of care and treatment.

(The concluding lesson will appear next week)

MODERN PUBLIC HEALTH

In brief, modern public health aims at the ancient ideal—"a sound mind in a sound body"—and in this contrasts with the public health of not very long ago, which concentrated on the second item, paying little, if any, attention to the first. We more fully appreciate now that in the pursuit of long life and happiness the interrelations of mind and body are very close and intricate although we can not say just how close they are, nor just how they are related. Speculations range from those which picture mind and body as identical to those which picture them as wholly separate. This problem is probably but a variant, a particular case, of that which deals with matter and motion. Perhaps a modern solution of the latter—that matter is motion—may apply to the former also. But be this as it may, we can easily be assured that the body and the mind should equally receive the study and care which alone can furnish guidance to successful living; for the finest physique is often combined with a misery—producing mentality; while the converse is quite often exemplified also. To secure everyone the best of both is the real ultimate aim of modern public health.—H. W. Hill, M.D.

We learn as long as we live. School days end, but education goes on, either moving aimlessly like driftwood or progressing like a well-managed ship. We learn from work and experience, from people, from reading, and, if ambition has not forsaken us, from study.—Prof. Leon J. Richardson, University of California.

He sleeps well; who knows not that he sleeps ill.—Maxim.

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MORBIDITY

Complete Reports for Following Diseases for Week Ending
July 14, 1934

Chickenpox

76 cases of chickenpox have been reported, as follows: Berkeley 3, Oakland 4, Pleasanton 2, Placerville 1, Reedley 1, Alhambra 1, Burbank 6, Glendale 4, Long Beach 1, Los Angeles 19, Torrance 3, South Gate 1, San Rafael 1, Monterey County 1, Orange 1, Plumas County 1, San Bernardino County 1, San Bernardino 1, San Diego County 1, Escondido 1, San Diego 1, San Francisco 10, Lodi 1, Stockton 7, Santa Barbara 2, Willow Glen 1.

Diphtheria

36 cases of diphtheria have been reported, as follows: Los Angeles County 5, Compton 3, Glendale 1, Los Angeles 11, Redondo 1, San Fernando 1, San Bernardino County 1, San Bernardino 4, San Diego 1, San Francisco 2, San Joaquin County 1, Benicia 1, Stanislaus County 1, Tulare 1, Ventura County 2.

German Measles

44 cases of German measles have been reported, as follows: Los Angeles County 5, Alhambra 1, Glendale 1, Glendora 4, Huntington Park 1, Long Beach 1, Los Angeles 10, Pasadena 2, San Fernando 1, Whittier 1, South Gate 1, Orange County 6, Fullerton 2, Santa Ana 1, San Francisco 2, Santa Maria 2, Santa Clara County 1, Shasta County 2.

Influenza

15 cases of influenza have been reported, as follows: Alameda County 1, Lake County 1, Long Beach 6, Los Angeles 5, San Francisco 1, Stanislaus County 1.

Malaria

2 cases of malaria from Tehama County have been reported.

Measles

245 cases of measles have been reported, as follows: Alameda 1, Albany 3, Berkeley 1, Emeryville 1, Oakland 3, Colusa 1, Contra Costa County 6, Hanford 1, Los Angeles County 4, Alhambra 2, Azusa 1, Glendale 2, Glendora 1, Los Angeles 10, Pomona 1, San Fernando 1, San Rafael 1, Gustine 1, Mono County 2, Orange County 2, Brea 1, La Habra 13, Plumas County 1, Beaumont 1, Sacramento 3, San Bernardino County 1, Redlands 1, San Bernardino 4, San Francisco 94, San Joaquin County 3, Lodi 1, Tracy 5, San Mateo County 8, Redwood City 1, South San Francisco 1, Santa Barbara County 6, Santa Barbara 1, Santa Clara County 8, Mountain View 2, Palo Alto 13, San Jose 10, Santa Cruz County 2, Santa Cruz 1, Sierra County 7, Siskiyou County 1, Solano County 1, Benicia 1, Sonoma County 3, Modesto 1, Ventura 1, Woodland 4.

Mumps

99 cases of mumps have been reported, as follows: Alameda County 2, Berkeley 3, Emeryville 1, Livermore 4, Oakland 11, San Leandro 2, Kern County 1, Los Angeles County 1, Los Angeles 11, Bell 2, Madera 1, Monterey County 3, Orange County 4, Santa Ana 2, Plumas County 2, Riverside County 1, Sacramento 5, San Bernardino 1, San Diego 2, San Francisco 32, Stockton 1, Mountain View 1, Sunnyvale 1, Siskiyou County 1, Stanislaus County 1, Modesto 1, Lindsay 1, Ventura County 1.

Pneumonia (Lobar)

34 cases of lobar pneumonia have been reported, as follows: Alameda County 1, Berkeley 1, Oakland 4, Los Angeles County 8, Los Angeles 10, Redondo 1, Monterey County 1, Riverside 1, Sacramento 2, San Bernardino County 1, San Diego 1, San Francisco 3.

Scarlet Fever

117 cases of scarlet fever have been reported, as follows: Berkeley 1, Oakland 1, Butte County 3, Richmond 1, Fresno County 2, Fresno 1, Reedley 1, Humboldt County 1, Kern County 1, Kings County 1, Los Angeles County 14, Azusa 1, Beverly Hills 1, Compton 3, El Monte 1, Glendale 1, Hermosa 1, Long Beach 2, Los Angeles 23, Pomona 1, Redondo 1, Madera County 1, Merced County 1, Calistoga 3, Orange County 2, Brea 1, Santa Ana 1, Placer County 4, Sacramento County 3, Sacramento 1, San Bernardino County 1, Redlands 1, San Bernardino 1, San Diego County 3, San Diego 1, San Francisco 7, San Joaquin County 1, Stockton 6, San Luis Obispo County 1, Santa Barbara 4, Santa Clara County 2, Shasta County 1, Vallejo 1, Sonoma County 1, Stanislaus County 1, Tulare County 2, Visalia 1, Yolo County 2, Marysville 1.

Smallpox

3 cases of smallpox have been reported, as follows: Hanford 1, San Bernardino 2.

Typhoid Fever

10 cases of typhoid fever have been reported, as follows: Oakland 1, Fresno County 1, Kern County 1, Los Angeles County

1, Los Angeles 1, Riverside County 1, Sacramento County 1, San Francisco 1, Tulare County 1, California 1.*

Whooping Cough

200 cases of whooping cough have been reported, as follows: Alameda County 2, Alameda 5, Albany 1, Berkeley 5, Oakland 6, San Leandro 2, Placerville 1, Fresno County 4, Kings County 1, Los Angeles County 9, Glendale 2, Huntington Park 1, Long Beach 2, Los Angeles 18, Pasadena 14, Montebello 2, Pomona 1, San Fernando 1, San Marino 3, Santa Monica 4, Torrance 1, Lynwood 1, Hawthorne 1, South Gate 6, Marin County 1, Monterey County 1, Anaheim 1, Orange 6, Santa Ana 2, La Habra 5, Placentia 2, Auburn 2, Corona 5, Sacramento County 1, Sacramento 12, San Bernardino County 1, San Bernardino 1, Oceanside 4, San Diego 11, San Francisco 7, San Joaquin County 1, Lodi 4, Stockton 3, Tracy 2, Paso Robles 3, Santa Barbara County 4, Santa Barbara 7, Santa Maria 11, Santa Clara County 4, Modesto 1, Ventura County 2, Santa Paula 1, Ventura 2.

Meningitis (Epidemic)

One case of epidemic meningitis from Los Angeles has been reported.

Dysentery (Amoebic)

One case of amoebic dysentery from Los Angeles has been reported.

Dysentery (Bacillary)

2 cases of bacillary dysentery have been reported, as follows: Long Beach 1, Santa Barbara 1.

Leprosy

One case of leprosy from Los Angeles has been reported.

Poliomyelitis

218 cases of poliomyelitis have been reported, as follows: Alameda 1, Albany 1, Berkeley 4, Hayward 2, Oakland 2, Contra Costa County 1, El Dorado County 1, Fresno County 7, Fresno 7, Reedley 2, Inyo County 1, Los Angeles County 26, Alhambra 3, Covina 1, Culver City 2, El Segundo 1, Glendale 3, Huntington Park 2, Long Beach 1, Los Angeles 91, Pasadena 9, San Gabriel 2, Santa Monica 2, South Pasadena 1, Torrance 1, Maywood 2, Monterey County 2, Monterey 3, Fullerton 1, Laguna Beach 1, Placer County 2, Sacramento County 1, Sacramento 1, San Bernardino County 1, Escondido 1, San Diego 4, San Francisco 5, San Joaquin County 1, Lodi 1, San Mateo County 1, San Mateo 2, Santa Barbara 3, Mountain View 1, Sunnyvale 1, Sonoma County 2, Modesto 1, Yuba City 1, Tulare County 2, Tulare 1, Tuolumne County 1, Sonora 1, California 1.*

Tetanus

2 cases of tetanus have been reported, as follows: Whittier 1, Lynwood 1.

Trachoma

One case of trachoma from San Mateo County has been reported.

Encephalitis (Epidemic)

One case of epidemic encephalitis from Alameda has been reported.

Trichinosis

One case of trichinosis from San Francisco has been reported.

Food Poisoning

One case of food poisoning from Petaluma has been reported.

Undulant Fever.

2 cases of undulant fever have been reported, as follows: San Bernardino 1, Tulare County 1.

Septic Sore Throat (Epidemic)

4 cases of epidemic septic sore throat have been reported, as follows: Los Angeles County 1, San Mateo 1, Santa Barbara 2.

Rabies in Animals

18 cases of rabies in animals have been reported, as follows: Imperial County 1, Los Angeles County 3, El Segundo 1, Inglewood 1, Los Angeles 6, Santa Monica 1, San Diego County 1, San Diego 2, San Joaquin County 2.

* Cases charged to "California" represent patients ill before entering the State or those who contracted their illness traveling about the State throughout the incubation period of the disease. These cases are not chargeable to any one locality.